

CLAIMS

1. A method for generating a corresponding Hebrew character representation for a positive integer number, comprising the steps of:

(a) checking whether said number is less than 1000;

5 (b) if said number is less than 1000, checking whether said number is less than 100;

(c) if said number is less than 100, checking whether said number is less than 10;

10 (d) if said number is less than 10, adding Hebrew character for said number;

(e) for each digit being added that is possible to be the last character, checking whether it is the last character to be added;

(f) if it is the last character to be added, checking whether there are any characters added;

(g) if there are no characters added yet, adding Hebrew character

Gershayim before adding character; and

(h) If there are characters already added, adding Hebrew character

Geresh after adding said character.

5 2. The method of Claim 1, wherein said number is not less than 1000
determined by step (a), further comprising the steps of:

(i) repeating steps (b)-(h) for every 3 digits; and

(j) adding a space between said generated Hebrew character
representation for every three digits.

10 3. The method of Claim 1, wherein said number is not less than 100 and
less than 1000 determined by step (b), further comprising the steps of:

(k) repeatedly subtracting 400 and adding Hebrew character for 400
until the number is less than 400;

(l) repeatedly subtracting 300 and adding Hebrew character for 300

15 until the number is less than 300;

(m) repeatedly subtracting 200 and adding Hebrew character for 200
until the number is less than 200; and

(n) repeatedly subtracting 100 and adding Hebrew character for 100
until the number is less than 100.

- 5 4. The method of Claim 1, wherein said number is not less than 10 and
less than 100 determined by step (c), if said number is 15, further comprising
the steps of:

(o) adding Hebrew character for 9; and

(p) adding Hebrew character for 6.

- 10 5. The method of Claim 1, wherein said number is not less than 10 and
less than 100 determined by step (c), if said number is 16, further comprising
the steps of:

(q) adding Hebrew character for 9; and

(r) adding Hebrew character for 7.

6. The method of Claim 1, wherein said number is not less than 10 and less than 100 determined by step (c), if said number is not 15 or 16, further comprising the steps of:

(s) adding a Hebrew character for 10-90 by the tens digit of said
5 number; and

(t) adding Hebrew character for the ones digit of said number.

7. A Hebrew number generating system used in digital communications, comprising:

means to input a positive integer number;

10 means to generate corresponding Hebrew character representation for said number; and

means to display the generated corresponding Hebrew character representation.

8. The system of Claim 8, wherein said means to input a positive integer
15 number is a web-browsing device;

wherein said means to generate corresponding Hebrew character representation for said number is a CGI program; and

wherein said means to display said generated corresponding Hebrew character representation is a web-browsing device.

- 5 9. A computer usable medium containing instructions in computer readable form for carrying out a process for generating a corresponding Hebrew character representation for a positive integer number, wherein said process comprises the steps of:

- 10 (a) checking whether said number is less than 1000;
- (b) if said number is less than 1000, checking whether said number is less than 100;
- (c) if said number is less than 100, checking whether said number is less than 10;
- 15 (d) if said number is less than 10, adding Hebrew character for said number;

(e) for each digit being added that is possible to be the last character, checking whether it is the last character to be added;

(f) if it is the last character to be added, checking whether there are any characters added;

5 (g) if there are no characters added yet, adding Hebrew character Gershayim before adding character; and

(h) If there are characters already added, adding Hebrew character Geresh after adding said character.

10. The computer usable medium of Claim 9, wherein when said number is
10 not less than 1000 determined by step (a), said process further comprises the steps of:

(i) repeating steps (b)-(h) for every 3 digits; and

(j) adding a space between said generated Hebrew character representation for every three digits.

11. The computer usable medium of Claim 9, wherein when said number is not less than 100 and less than 1000 determined by step (b), said process further comprises the steps of,

(k) repeatedly subtracting 400 and adding Hebrew character for 400

5 until the number is less than 400;

(l) repeatedly subtracting 300 and adding Hebrew character for 300

until the number is less than 300;

(m) repeatedly subtracting 200 and adding Hebrew character for 200

until the number is less than 200; and

10 (n) repeatedly subtracting 100 and adding Hebrew character for 100

until the number is less than 100.

12. The computer usable medium of Claim 9, wherein when said number is not less than 10 and less than 100 determined by step (c), if said number is 15, then said process further comprises the steps of:

15 (o) adding Hebrew character for 9; and

(p) adding Hebrew character for 6.

13. The computer usable medium of Claim 9, wherein when said number is not less than 10 and less than 100 determined by step (c), if said number is 16, then said process further comprises the steps of:

(q) adding Hebrew character for 9; and

5 (r) adding Hebrew character for 7.

14. The computer usable medium of Claim 9, wherein when said number is not less than 10 and less than 100 determined by step (c), if said number is not 15 or 16, then said process further comprises the steps of:

(s) adding a Hebrew character for 10-90 by the tens digit of said
10 number; and

(t) adding Hebrew character for the ones digit of said number.

15. The computer usable medium of Claim 9, wherein said instructions in a computer readable form may be downloaded from a website over the Internet.